

CRF Errors Corrected by the STIC Systems Branch

RECEIVED 7/15/03
 CRF Processing Date: 7/15/03
 Edited by: MT
 Verified by: JUL 16 2003 (STIC staff)

Serial Number: 091688,286D

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading, and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



1600

RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

See page 6.

3 <110> APPLICANT: Willson, Tracey
 4 Nicola , Nicos
 5 Hilton, Douglas
 6 Metcalf, Donald
 7 Zhang , Jian
 9 <120> TITLE OF INVENTION: A novel haemopoietin receptor and genetic sequences encoding
 same
 11 <130> FILE REFERENCE: 23199-215
 13 <140> CURRENT APPLICATION NUMBER: US 09/688,286D
 C--> 14 <141> CURRENT FILING DATE: 2003-07-10
 16 <150> PRIOR APPLICATION NUMBER: AU PN6135
 17 <151> PRIOR FILING DATE: 1995-10-23
 19 <150> PRIOR APPLICATION NUMBER: AU PN7276
 20 <151> PRIOR FILING DATE: 1995-12-22
 22 <150> PRIOR APPLICATION NUMBER: AU PP2208
 23 <151> PRIOR FILING DATE: 1996-09-09
 25 <160> NUMBER OF SEQ ID NOS: 12
 27 <170> SOFTWARE: PatentIn version 3.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 1680
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Mus musculus
 34 <220> FEATURE:
 35 <221> NAME/KEY: CDS
 36 <222> LOCATION: (61)..(1332)
 37 <223> OTHER INFORMATION:
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 43 Met Ala Arg Pro Ala Leu Leu Gly Glu Leu Leu Val Leu Leu Leu Trp
 44 1 5 10 15
 46 acc gcc acc gtg ggc caa gtt gcc gcg gcc aca gaa gtt cag cca cct 156
 47 Thr Ala Thr Val Gly Gln Val Ala Ala Ala Thr Glu Val Gln Pro Pro
 48 20 25 30
 50 gtg acg aat ttg agc gtc tct gtc gaa aat ctc tgc acg ata ata tgg 204
 51 Val Thr Asn Leu Ser Val Ser Val Glu Asn Leu Cys Thr Ile Ile Trp
 52 35 40 45
 54 acg tgg agt cct cct gaa gga gcc agt cca aat tgc act ctc aga tat 252
 55 Thr Trp Ser Pro Pro Glu Gly Ala Ser Pro Asn Cys Thr Leu Arg Tyr
 56 50 55 60
 58 ttt agt cac ttt gat gac caa cag gat aag aaa att gct cca gaa act 300
 59 Phe Ser His Phe Asp Asp Gln Gln Asp Lys Lys Ile Ala Pro Glu Thr
 60 65 70 75 80
 62 cat cgt aaa gag gaa tta ccc ctg gat gag aaa atc tgt ctg cag gtg 348

RAW SEQUENCE LISTING

DATE: 07/15/2003

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TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

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66	ggc	tct	cag	tgt	agt	gcc	aat	gaa	agt	gag	aag	cct	agc	cct	ttg	gtg	396
67	Gly	Ser	Gln	Cys	Ser	Ala	Asn	Glu	Ser	Glu	Lys	Pro	Ser	Pro	Leu	Val	
68				100					105					110			
70	aaa	aag	tgc	atc	tca	ccc	cct	gaa	ggg	gat	cct	gag	tcc	gct	gtg	act	444
71	Lys	Lys	Cys	Ile	Ser	Pro	Pro	Glu	Gly	Asp	Pro	Glu	Ser	Ala	Val	Thr	
72				115					120					125			
74	gag	ctc	aag	tgc	att	tgg	cat	aac	ctg	agc	tat	atg	aag	tgt	tcc	tgg	492
75	Glu	Leu	Lys	Cys	Ile	Trp	His	Asn	Leu	Ser	Tyr	Met	Lys	Cys	Ser	Trp	
76				130					135					140			
78	ctc	cct	gga	agg	aat	aca	agc	cct	gac	aca	cac	tat	act	ctg	tac	tat	540
79	Leu	Pro	Gly	Arg	Asn	Thr	Ser	Pro	Asp	Thr	His	Tyr	Thr	Leu	Tyr	Tyr	
80	145					150						155				160	
82	tgg	tac	agc	agc	ctg	gag	aaa	agt	cgt	caa	tgt	gaa	aac	atc	tat	aga	588
83	Trp	Tyr	Ser	Ser	Leu	Glu	Lys	Ser	Arg	Gln	Cys	Glu	Asn	Ile	Tyr	Arg	
84				165						170				175			
86	gaa	ggg	caa	cac	att	gct	tgt	tcc	ttt	aaa	ttg	act	aaa	gtg	gaa	cct	636
87	Glu	Gly	Gln	His	Ile	Ala	Cys	Ser	Phe	Lys	Leu	Thr	Lys	Val	Glu	Pro	
88				180					185					190			
90	agt	ttt	gaa	cat	cag	aac	gtt	caa	ata	atg	gtc	aag	gat	aat	gct	ggg	684
91	Ser	Phe	Glu	His	Gln	Asn	Val	Gln	Ile	Met	Val	Lys	Asp	Asn	Ala	Gly	
92				195					200					205			
94	aaa	att	agg	cca	tcc	tgc	aaa	ata	gtg	tct	tta	act	tcc	tat	gtg	aaa	732
95	Lys	Ile	Arg	Pro	Ser	Cys	Lys	Ile	Val	Ser	Leu	Thr	Ser	Tyr	Val	Lys	
96				210					215					220			
98	cct	gat	cct	cca	cat	att	aaa	cat	ctt	ctc	ctc	aaa	aat	ggg	gcc	tta	780
99	Pro	Asp	Pro	Pro	His	Ile	Lys	His	Leu	Leu	Leu	Lys	Asn	Gly	Ala	Leu	
100	225					230						235			240		
102	tta	gtg	cag	tgg	aag	aat	cca	caa	aat	ttt	aga	agc	aga	tgc	tta	act	828
103	Leu	Val	Gln	Trp	Lys	Asn	Pro	Gln	Asn	Phe	Arg	Ser	Arg	Cys	Leu	Thr	
104				245						250				255			
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107	Tyr	Glu	Val	Glu	Val	Asn	Asn	Thr	Gln	Thr	Asp	Arg	His	Asn	Ile	Leu	
108				260					265					270			
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111	Glu	Val	Glu	Glu	Asp	Lys	Cys	Gln	Asn	Ser	Glu	Ser	Asp	Arg	Asn	Met	
112				275					280					285			
114	gag	ggg	aca	agt	tgt	ttc	caa	ctc	cct	ggg	gtt	ctt	gcc	gac	gct	gtc	972
115	Glu	Gly	Thr	Ser	Cys	Phe	Gln	Leu	Pro	Gly	Val	Leu	Ala	Asp	Ala	Val	
116				290					295					300			
118	tac	aca	gtc	aga	gta	aga	gtc	aaa	aca	aac	aag	tta	tgc	ttt	gat	gac	1020
119	Tyr	Thr	Val	Arg	Val	Arg	Val	Lys	Thr	Asn	Lys	Leu	Cys	Phe	Asp	Asp	
120	305					310					315				320		
122	aac	aaa	ctg	tgg	agt	gat	tgg	agt	gaa	gca	cag	agt	ata	ggg	aag	gag	1068
123	Asn	Lys	Leu	Trp	Ser	Asp	Trp	Ser	Glu	Ala	Gln	Ser	Ile	Gly	Lys	Glu	
124				325						330				335			
126	caa	aac	tcc	acc	ttc	tac	acc	acc	atg	tta	ctc	acc	att	cca	gtc	ttt	1116
127	Gln	Asn	Ser	Thr	Phe	Tyr	Thr	Thr	Met	Leu	Leu	Thr	Ile	Pro	Val	Phe	

RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

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132          355          360          365
134 atc att ata ttt cct cca att cct gat cct ggc aag att ttt aaa gaa      1212
135 Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe Lys Glu
136          370          375          380
138 atg ttt gga gac cag aat gat gat acc ctg cac tgg aag aag tat gac      1260
139 Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys Tyr Asp
140 385          390          395          400
142 atc tat gag aaa caa tcc aaa gaa gaa acg gat tct gta gtg ctg ata      1308
143 Ile Tyr Glu Lys Gln Ser Lys Glu Glu Thr Asp Ser Val Val Leu Ile
144          405          410          415
146 gaa aac ctg aag aaa gca gct cct tgatggggag aagtgatttc tttcttgccct      1362
147 Glu Asn Leu Lys Lys Ala Ala Pro
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152 atagaaactg aaactactct tgaaaaacag gcagctccta agagccacag gtcttgatgt      1482
154 gacttttgca ttgaaaaccc aaacccaaag gagctccttc caagaaaagc aagagttctt      1542
156 ctcgttcctt gttccaatcc ctaaaagcag atgttttgcc aaatcccaa actagaggac      1602
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183          50          55          60
186 Phe Ser His Phe Asp Asp Gln Gln Asp Lys Lys Ile Ala Pro Glu Thr
187 65          70          75          80
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191          85          90          95
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195          100          105          110
198 Lys Lys Cys Ile Ser Pro Pro Glu Gly Asp Pro Glu Ser Ala Val Thr
199          115          120          125
202 Glu Leu Lys Cys Ile Trp His Asn Leu Ser Tyr Met Lys Cys Ser Trp
203          130          135          140
206 Leu Pro Gly Arg Asn Thr Ser Pro Asp Thr His Tyr Thr Leu Tyr Tyr
207 145          150          155          160
210 Trp Tyr Ser Ser Leu Glu Lys Ser Arg Gln Cys Glu Asn Ile Tyr Arg
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RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

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 219 195 200 205
 222 Lys Ile Arg Pro Ser Cys Lys Ile Val Ser Leu Thr Ser Tyr Val Lys
 223 210 215 220
 226 Pro Asp Pro Pro His Ile Lys His Leu Leu Leu Lys Asn Gly Ala Leu
 227 225 230 235 240
 230 Leu Val Gln Trp Lys Asn Pro Gln Asn Phe Arg Ser Arg Cys Leu Thr
 231 245 250 255
 234 Tyr Glu Val Glu Val Asn Asn Thr Gln Thr Asp Arg His Asn Ile Leu
 235 260 265 270
 238 Glu Val Glu Glu Asp Lys Cys Gln Asn Ser Glu Ser Asp Arg Asn Met
 239 275 280 285
 242 Glu Gly Thr Ser Cys Phe Gln Leu Pro Gly Val Leu Ala Asp Ala Val
 243 290 295 300
 246 Tyr Thr Val Arg Val Arg Val Lys Thr Asn Lys Leu Cys Phe Asp Asp
 247 305 310 315 320
 250 Asn Lys Leu Trp Ser Asp Trp Ser Glu Ala Gln Ser Ile Gly Lys Glu
 251 325 330 335
 254 Gln Asn Ser Thr Phe Tyr Thr Thr Met Leu Leu Thr Ile Pro Val Phe
 255 340 345 350
 258 Val Ala Val Ala Val Ile Ile Leu Leu Phe Tyr Leu Lys Arg Leu Lys
 259 355 360 365
 262 Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe Lys Glu
 263 370 375 380
 266 Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys Tyr Asp
 267 385 390 395 400
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278 <210> SEQ ID NO: 3

279 <211> LENGTH: 1383

280 <212> TYPE: DNA

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283 <220> FEATURE:

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286 <223> OTHER INFORMATION:

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 292 Met Glu Trp Pro Ala Arg Leu Cys Gly Leu Trp Ala Leu Leu Leu Cys
 293 1 5 10 15
 295 gcc ggc ggc ggg ggc ggg ggc ggg ggc gcg cct acg gaa act cag cca 156
 296 Ala Gly Gly Gly Gly Gly Gly Gly Gly Ala Pro Thr Glu Thr Gln Pro
 297 20 25 30
 299 cct gtg aca aat ttg agt gtc tct gtt gaa aac ctc tgc aca gta ata 204

RAW SEQUENCE LISTING

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

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304	Trp	Thr	Trp	Asn	Pro	Pro	Glu	Gly	Ala	Ser	Ser	Asn	Cys	Ser	Leu	Trp	
305		50					55					60					
307	tat	ttt	agt	cat	ttt	ggc	gac	aaa	caa	gat	aag	aaa	ata	gct	ccg	gaa	300
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311	act	cgt	cgt	tca	ata	gaa	gta	ccc	ctg	aat	gag	agg	att	tgt	ctg	caa	348
312	Thr	Arg	Arg	Ser	Ile	Glu	Val	Pro	Leu	Asn	Glu	Arg	Ile	Cys	Leu	Gln	
313					85					90				95			
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319	ggt	gaa	aaa	tgc	atc	tca	ccc	cca	gaa	ggg	gat	cct	gag	tct	gct	gtg	444
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321			115					120					125				
323	act	gaa	ctt	caa	tgc	att	tgg	cac	aac	ctg	agc	tac	atg	aag	tgt	tct	492
324	Thr	Glu	Leu	Gln	Cys	Ile	Trp	His	Asn	Leu	Ser	Tyr	Met	Lys	Cys	Ser	
325		130					135					140					
327	tgg	ctc	cct	gga	agg	aat	acc	agt	ccc	gac	act	aac	tat	act	ctc	tac	540
328	Trp	Leu	Pro	Gly	Arg	Asn	Thr	Ser	Pro	Asp	Thr	Asn	Tyr	Thr	Leu	Tyr	
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333				165					170				175				
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336	Arg	Glu	Gly	Gln	Tyr	Phe	Gly	Cys	Ser	Phe	Asp	Leu	Thr	Lys	Val	Lys	
337				180					185				190				
339	gat	tcc	agt	ttt	gaa	caa	cac	agt	gtc	caa	ata	atg	gtc	aag	gat	aat	684
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341			195					200					205				
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345		210					215					220					
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348	Val	Lys	Pro	Asp	Pro	Pro	His	Ile	Lys	Asn	Leu	Ser	Phe	His	Asn	Asp	
349	225				230					235					240		
351	gac	cta	tat	gtg	caa	tgg	gag	aat	cca	cag	aat	ttt	att	agc	aga	tgc	828
352	Asp	Leu	Tyr	Val	Gln	Trp	Glu	Asn	Pro	Gln	Asn	Phe	Ile	Ser	Arg	Cys	
353				245					250				255				
355	cta	ttt	tat	gaa	gta	gaa	gtc	aat	aac	agc	caa	act	gag	aca	cat	aat	876
356	Leu	Phe	Tyr	Glu	Val	Glu	Val	Asn	Asn	Ser	Gln	Thr	Glu	Thr	His	Asn	
357				260				265					270				
359	ggt	ttc	tac	gtc	caa	gag	gct	aaa	tgt	gag	aat	cca	gaa	ttt	gag	aga	924
360	Val	Phe	Tyr	Val	Gln	Glu	Ala	Lys	Cys	Glu	Asn	Pro	Glu	Phe	Glu	Arg	
361			275					280					285				
363	aat	gtg	gag	aat	aca	tct	tgt	ttc	atg	gtc	cct	ggg	gtt	ctt	cct	gat	972
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/688,286D

DATE: 07/15/2003
TIME: 07:51:53

Input Set : A:\11373A.seqlist.txt
Output Set: N:\CRF4\07152003\I688286D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 3
Seq#:10; Xaa Pos. 24
Seq#:11; Xaa Pos. 24

VERIFICATION SUMMARY

DATE: 07/15/2003

PATENT APPLICATION: US/09/688,286D

TIME: 07:51:53

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07152003\I688286D.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:37
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:286
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/688,286D

DATE: 07/10/2003

TIME: 11:05:02

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07102003\I688286D.raw

3 <110> APPLICANT: Willson, Tracey
 4 Nicola , Nicos
 5 Hilton, Douglas
 6 Metcalf, Donald
 7 Zhang , Jian
 9 <120> TITLE OF INVENTION: A novel haemopoietin receptor and genetic sequences encoding
 same
 11 <130> FILE REFERENCE: 23199-215
 13 <140> CURRENT APPLICATION NUMBER: US 09/688,286D
 C--> 14 <141> CURRENT FILING DATE: 2000-10-13
 16 <150> PRIOR APPLICATION NUMBER: AU PN6135
 17 <151> PRIOR FILING DATE: 1995-10-23
 19 <150> PRIOR APPLICATION NUMBER: AU PN7276
 20 <151> PRIOR FILING DATE: 1995-12-22
 22 <150> PRIOR APPLICATION NUMBER: AU PP2208
 23 <151> PRIOR FILING DATE: 1996-09-09
 25 <160> NUMBER OF SEQ ID NOS: 12
 27 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

641 <210> SEQ ID NO: 12
 642 <211> LENGTH: 5
 643 <212> TYPE: PRT
 644 <213> ORGANISM: unknown
 646 <220> FEATURE:
 647 <223> OTHER INFORMATION: peptide motif found in many members of the haemopoietin
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 648 family
 650 <400> SEQUENCE: 12
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 E--> 662 - 11 - Delete

VERIFICATION SUMMARY

DATE: 07/10/2003

PATENT APPLICATION: US/09/688,286D

TIME: 11:05:03

Input Set : A:\11373A.seqlist.txt

Output Set: N:\CRF4\07102003\I688286D.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:37
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:286
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:662 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:12